DOCUMENT RESUME

ED 187 365 JC 800 266

TITLE Responses of Fall 1979 Entering Students: Spring 1980 Continuing Student Survey. Student Flow Program, Report 4.
INSTITUTION Hawaii Univ., Honolulu. Kapiolani Community Coll.
SPONS AGENCY Department of Education, Washington, D.C.
PUB DATE Apr 80
NOTE 48p.; Computer printouts may not reproduce well

EDRS PRICE MF01/PC02 Plus Postage.
DESCRIPTORS Administrative Policy; Ancillary School Services; College Environment; College Freshmen; College Instruction; *Community Colleges; Comparative Analysis; Educational Testing; Females; Grade Point Average; Information Needs; Majors (Students); Males; *Participant Satisfaction; Program Evaluation; School Surveys; *Student Attitudes; Student Characteristics; *Student College Relationship; Student Employment; Student Personnel Services; Two Year Colleges; *Two Year College Students; Use Studies

ABSTRACT

A survey was conducted in Spring 1980 of the 1,358 continuing Kapiolani Community College students who had registered as first-time students in Fall 1979. The survey instrument solicited information on: (1) student employment; (2) knowledge of procedures and requirements; (3) evaluation of students' college experience; (4) evaluation of student services; and (5) evaluation of instructional services and academic support. Major findings, based on a 50% response rate, revealed that, in both Fall and Spring semesters, most students (72%) were employed; and 62% held jobs off-campus. At least two-thirds of the respondents indicated knowledge of procedures and requirements concerning registration, advising, transfer of courses, and graduation. The majority of the respondents indicated that they were "satisfied" or "very satisfied" with specific and general college experiences. Responses to items related to student services indicated that over one-third did not know about nine of 11 specific services; the most commonly used services were the career resources library and the study skills modules. Respondents expressed overall satisfaction with academic services, though 31% felt unable to enroll in the courses they desired most. More than half of the respondents knew about, but did not use, academic support services. The report includes tables comparing responses by placement test scores, grade point average, program areas, and sex. (JP)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED187365

RESPONSES OF FALL 1979 ENTERING STUDENTS SPRING 1980 CONTINUING STUDENT SURVEY

Report 4

Student Flow Program

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

Joyce S. Tsunoda

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

U S DEPARTMENT OF HEALTH, EDUCATION & WELFARE NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

April 1980

Office of the Provost
Kapiolani Community College
University of Hawaii
Honolulu, Hawaii

JC 800 266

The production of this report was supported, in part, by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education, and no official endorsement by the U.S. Department of Education should be inferred.

TABLE OF CONTENTS

		Page
A.	Introduction	
	1. Purposes.	1
	2. Plan for Analysis	1
	3. Organization of Report.	2
B.	The Returns	
	1. Percentage of Returns	2
	2. Representativeness of Returns	2
C.	Findings	
	1. Employment Experience	3
	2. Student Knowledge of Procedures and Requirements. .	4
	3. Evaluation of KCC Experience.	6
	4. Evaluation of Student Services.	9
	5. Evaluation of Instructional Services and Academic Support	13
D.	Summary and Concluding Comments	
	1. Profile of Respondents.	18
	2. Major Findings.	18
	3. Concluding Comments	21

APPENDIX

A.	Continuing Student Survey	24
B.	Tables for Each Item, by Program.	27

LIST OF TABLES

Table		Page
1.	Employment Experience.	3
2.	Student Knowledge of Procedures and Requirements . . .	5
3.	Evaluation of KCC Experience	7
4.	Student Sentiment Regarding Procedures and Activities.	10
5.	Knowledge/Use of Special Services and Programs	12
6.	Sentiments on Course Experiences and Library	15
7.	Sentiments on Other Academic Support	17

A. Introduction

Early during the Fall 1979 semester, discussions among personnel engaged in AIDP evaluation and planning activities revealed an interest in having more baseline data about programs and services offered at Kapiolani.[1] The decision was made to collect these data by surveying continuing students, and plans were laid in October to conduct the Continuing Student Survey during the Spring 1980 registration period. (See Appendix A for a copy of the survey.)

The registration period allows access to most continuing students (except late registrants) at the least possible cost to the institution. Labels for potential continuing students could easily be printed from Fall 1979 enrollment data, and the "labeled" surveys could be placed in the appropriate registration packets.

1. Purposes

There were three basic purposes for undertaking the Spring 1980 Continuing Student Survey:

a. to assess student satisfaction levels with various aspects of the college and its services.

b. to compare the responses of continuing students who entered Kapiolani in Fall 1979 and students who entered in other semesters.[2]

c. to summarize the responses of Fall 1979 entering students only so as to focus on student evaluations of their first semester at Kapiolani.

2. Plan for Analysis

Since the continuing students were to be contacted at the time of their registration, we hoped for a return rate of between 85 and 90 percent.

We planned to analyze the returns from Fall 1979 entering students for representativeness, i.e., comparison between respondents and non-respondents on the following characteristics: sex, age, enrollment status, cumulative grade point average, and cumulative credit-completion ratio. Responses

---

[1]Some data were already available to KCC personnel through reports from the U.H. system's Student Flow Project, directed by Mildred D. Kosaki, from Fall 1975 to June 1978.

[2]These comparisons were summarized in a companion report (not part of the Student Flow Project).

would be summarized in terms of the following characteristics: major program and any of the preceding characteristics on which respondents were found to be representative of the total. Chi-square analysis was to be applied through the use of SPSS. Between keypunching the data and releasing the report, we planned to distribute the surveys, without personal identifying information, to administrative personnel (including department chairmen). It was hoped that they would find the comments of special interest.

3. Organization of Report

The rest of this report consists of the following sections:

- rate and representativeness of returns
- summary of findings in terms of five groups of items
- concluding comments
- details for all items, by program, in Appendix B

B. The Returns

The rate and representativeness of returns were based on the Spring 1980 preliminary enrollment data, i.e., registration data as of the third week of the semester.

1. Percentage of Returns

Of the 2,005 Fall 1979 entering students, 1,358 continued in Spring 1980; and 673 responded to the Spring 1980 Continuing Student Survey, for a return rate of 50 percent. This was a disappointingly low rate of return due, in part, to the lack of identification labels on the surveys of the students who registered on the first day for continuing students.

2. Representativeness of Returns

Respondents did not differ significantly from non-respondents on the following characteristics: sex, enrollment status (full- or part-time), cumulative grade point average, cumulative credit-completion ratio, entry status, and math and English placement test scores.

Since there were no respondents from the public service (legal assistant) program, it cannot be included in the findings.

C. Findings

The responses of continuing students who entered Kapiolani in Fall 1979 are presented in five sections:

- employment experience of students
- student knowledge of procedures and requirements
- evaluation of KCC experience
- evaluation of student services
- evaluation of instructional services and academic support

1. Employment Experience

Two items in the survey dealt with the employment of students during the previous and current semester. Responses are summarized below:

	Previous Semester		Current Semester	
Total Respondents	667		667	
Yes, Full-Time	95	*14%*	92	*14%*
Yes, Part-Time	384	*58%*	386	*58%*
No	188	*28%*	189	*28%*

Overall, there was very little difference in the responses on these two items: 72 percent of the students indicated a form of "yes" to both questions. Approximately three-fifths of the students had part-time work in both semesters, and 14 percent worked full-time. The data in the appendix show that during the current semester, 62 percent of the jobs were off campus.

Table 1 highlights the characteristics for which responses differed significantly. Most unclassified students (89 percent), contrasted with health students (45 percent), worked during Fall 1979, their first semester at Kapiolani. In Spring 1980 fewer unclassified students (85 percent), while more health students (51 percent) are working. Not unexpected was the higher proportion of males than females who worked during both semesters.

TABLE 1

EMPLOYMENT EXPERIENCE
FALL 1979 ENTERING STUDENTS
SPRING 1980 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Combined percent represents all students who answered "yes."

Items	Characteristic[a]					Total Responses	Combined Percent	Range[b]	
	Prog	Sex	Cum GPA	Placement Test Math	Eng				
I. Did you work during the previous semester?	***	*	**	*	**	667	*72*	*89%* unclassified *75%* male *73%* 2.9-2.0, below 2.0 *75%* Math 027/100 *80%* Eng 022/050	*45%* health *70%* female *69%* 3.5 & above *64%* Math 024 *50%* ELI 004
II. Are you working this semester?	**	*				667	*72*	*85%* unclassified *77%* male	*51%* health *69%* female

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Range given only when responses differed significantly.

2. Student Knowledge of Procedures and Requirements

Students were asked to respond "yes" or "no" to seven items dealing with their knowledge of various procedures and requirements (IV [1-7]). Their responses are summarized below in percentages:

Section IV Items:	Total Responses	Yes	No
1. I had sufficient information on registration procedures.	668	86%	14%
2. I saw my advisor during the past semester at times other than registration.	666	38%	62%
3. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	620	67%	33%
4. I've read that part of the college catalog that relates to my major area of study.	657	84%	16%
5. I know the graduation requirements for my major area of study.	655	84%	16%
6. There is adequate information on transfer of community college courses to four-year colleges.	643	75%	25%
7. Course descriptions generally are accurate.	656	88%	12%

The above data show that at least two-thirds of the respondents, ranging from 88 percent (course descriptions generally are accurate) to 67 percent (Self-Advising Materials helpful, didn't need to see an advisor), positively rated six (of seven) items. The exception: "I saw my advisor during the past semester at times other than registration" (38 percent).

Responses to the items in Section IV differed significantly by program (four), sex (two), GPA (one), and English placement test score (one). These differences are illustrated in Table 2, which presents the range in "yes" responses.

TABLE 2

STUDENT KNOWLEDGE OF PROCEDURES AND REQUIREMENTS
FALL 1979 ENTERING STUDENTS
SPRING 1980 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentages represent "yes" responses.

Items	Characteristics[a]					Total Responses	Percent	Range[b]	
	Prog	Sex	Cum GPA	Placement Test Math	Placement Test Eng				
Section IV									
1. I had sufficient information on registration procedures.					***	668	86	91% Eng +100	61% ELI 004
2. I saw my advisor during the past semester at times other than registration.	***					666	38	62% food	22% unclassified
3. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	**	***				620	67	75% business 72% female	56% health, unclassified 59% male
4. I've read that part of the college catalog that relates to my major area of study.	***	***				657	84	90% business 87% female	59% unclassified 77% male
5. I know the graduation requirements for my major area of study.	**					655	84	94% health	62% unclassified.
6. There is adequate information on transfer of community college courses to four-year colleges.			*			643	75	80% below 2.0	66% 3.4-3.0
7. Course descriptions generally are accurate.						656	88		

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Range given only when responses differed significantly.

The data in Table 2 show no single program as having a consistently high "yes" response. For example, food service majors (62 percent) saw their advisors at times other than registration; business majors found SAM helpful (75 percent) and had read about their major area of study in the college catalog (90 percent); health services majors (94 percent) knew the graduation requirements for their program of study. On these four items, unclassified students had the lowest proportion of "yes" responses. Females, more than males, found SAM helpful and had read about their major area of study.

3. Evaluation of KCC Experience

A total of thirteen items (III [1-11], V [13], and VII) dealt with the general KCC experience. Responses are summarized below in percentages for the Section III items:

	Total Responses	Not Satisfied	Satisfied	Very Satisfied
Section III Items:				
1. Instruction	666	5%	70%	25%
2. Faculty/student relations	660	11%	63%	27%
3. Variety of courses you could take	650	30%	53%	17%
4. Intellectual environment	651	13%	72%	15%
5. Orientation	646	13%	68%	20%
6. Counseling/academic advising	636	17%	60%	24%
7. Financial aid services	541	12%	69%	19%
8. Student employment services	525	11%	68%	21%
9. Friendship with other students	656	5%	52%	44%
10. Facilities/equipment	641	13%	64%	23%
11. Total experience at college	656	10%	62%	29%

The above data show that:

- the great majority evaluated each item except "financial aid services" and "student employment services."
- the great majority, ranging from 96 percent (friendship with other students) to 70 percent (variety of courses you could take), rated all eleven items as satisfactory or better.
- at least one-fourth of the respondents were very satisfied regarding: friendship with other students (44 percent), total college experience (29 percent), faculty/student relations, and instruction.
- close to a third of the respondents were not satisfied with variety of courses (30 percent) and about one-fifth with counseling/academic advising (17 percent).

Table 3 highlights the characteristics for which responses differed significantly.

TABLE 3

EVALUATION OF KCC EXPERIENCE
FALL 1979 ENTERING STUDENTS
SPRING 1980 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Combined percent represents "satisfied" and "very satisfied" responses.

Items	Characteristics[a]					Total Responses	Combined Percent	Range[b]	
	Prog	Sex	Cum GPA	Placement Test Math	Placement Test Eng				
Section III									
1. Instruction		**	***			666	95	96% female 98% 3.5 & above	92% male 93% below 2.0
2. Faculty/student relations			***		*	660	89	92% Eng +100 92% 3.4-3.0	77% ELI 004 84% below 2.0
3. Variety of courses you could take	***				**	650	70	94% health 86% ELI 004	52% unclassified 59% Eng +100
4. Intellectual environment					*	651	87	93% Eng 021, Eng 100	77% ELI 004
5. Orientation			*		*	646	88	90% 2.9-2.0 92% Eng +100	83% below 2.0 64% ELI 004
6. Counseling/academic advising					*	636	83	89% Eng 007	62% ELI 004
7. Financial aid services		*			**	541	88	90% female 96% Eng 022/050	85% male 65% ELI 004
8. Student employment services	*					525	89	91% health	82% unclassified
9. Friendship with other students						656	95		
10. Facilities/equipment	***					641	87	95% food	81% health
11. Total experience at college	*		**			656	91	98% food 95% 3.5 & above, 3.4-3.0	87% liberal arts 88% 2.9-2.0

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.
[b]Range given only when responses differed significantly.

The data in Table 3 show that:

- responses differed on six of the items, by English placement test scores. Students who were recommended to take ELI 004[3] responded at the lower end of the range of satisfaction on five of these items (especially financial aid services, orientation, counseling/academic advising). Those who placed at least at the English 100 level responded most favorably to: faculty/student relations, intellectual environment, orientation.

[3]ELI 004 (Writing for the Non-Native Speaker) is a course designed to develop basic writing skills.

- responses differed, by program, on four items. Very high proportions of food service majors were satisfied or very satisfied with the total college experience (98 percent) and facilities/equipment (95 percent). Health majors responded most favorably to the variety of courses they could take (94 percent) and student employment services (91 percent).

- responses to four items differed by cumulative GPA. In all cases, students with 2.0 or higher GPAs were more satisfied with their KCC experience than students with a GPA below 2.0 on their assessments of instruction, faculty/student relations, orientation, and total college experience.

Two other questions in the Continuing Student Survey dealt with evaluation of the KCC experience:

a. V-13. There is a feeling of ohana at this college. Of the 605 students who responded to this item:

23% strongly disagreed
61% agreed
17% strongly agreed

Responses differed significantly by program. To illustrate: the combined "agreed" and "strongly agreed" responses ranged from 84 percent for food service majors to 73 percent for unclassified students.

b. VII. In general, how well do you like attending this college? Sentiments were expressed by 630 students as follows:

4% I don't like it.
31% I am more or less neutral about it.
56% I like it.
9% I am enthusiastic about it.

Responses differed significantly by GPA. The combined percentages for "I like it" and "I am enthusiastic about it" ranged from 74 percent (3.5 and above) to 60 percent (below 2.0).

4. Evaluation of Student Services

A total of sixteen items (V [1, 12, 14, 15, 21] and VI [1, 6-15]) dealt with various aspects of student services.

a. Responses are summarized below in percentages for Section V items:

	Total Responses	Strongly Disagree	Agree	Strongly Agree
Section V Items:				
1. The registration procedures, in general, are well-defined and easy to follow.	643	9%	74%	17%
12. Students generally follow college rules and regulations.	619	8%	72%	20%
14. Channels for expressing students' complaints are readily accessible.	601	19%	70%	11%
15. It's been easy to have corrections made to my college records.	565	19%	71%	10%
21. I am satisfied with the variety of student activities available.	573	19%	70%	11%

The data above show that:

- the great majority rated three of the items, with fewer responding to items on corrections to college records and satisfaction with variety of student activities.
- the great majority of students agreed that registration procedures, in general, are well-defined and easy to follow (91 percent) and students generally follow college rules and regulations (92 percent).
- approximately one-fifth (19 percent) strongly disagreed that: channels for expressing students' complaints are readily accessible, corrections are easily made to college records, variety of student activities is satisfactory.

Responses to the items in Section V differed significantly by cumulative GPA (three), program (two), English placement test score (two), math placement test score (one). These differences are given in Table 4, which presents the range of combined responses for "agree" to "strongly agree."

TABLE 4

STUDENT SENTIMENT REGARDING PROCEDURES AND ACTIVITIES
FALL 1979 ENTERING STUDENTS
SPRING 1980 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents combined agree and strongly agree responses.

Items	Characteristics[a]					Total Responses	Combined Percent	Range[b]	
	Prog	Sex	Cum GPA	Placement Test Math	Placement Test Eng				
Section V									
1. The registration procedures, in general, are well-defined and easy to follow.			*			643	91	92% 3.4-3.0 2.9-2.0	90% 3.5 & above, below 2.0
12. Students generally follow college rules and regulations.			***		*	619	92	96% 2.9-2.0 96% Eng 910/100	85% 3.5 & above 86% Eng 021
14. Channels for expressing students' complaints are readily accessible.	*					601	81	90% health	78% business
15. It's been easy to have corrections made to my college records.	*		**	*	**	565	82	89% food 87% 2.9-2.0 97% Math 140 90% Eng 007	76% health 76% 3.4-3.0 76% Math 130, etc. 72% ELI 004
21. I am satisfied with the variety of student activities available.						573	81		

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Range given only when responses differed significantly.

The data in Table 4 show that:

- the students with GPAs of 2.0-2.9 were generally more positive in their sentiments than students with GPAs 3.5 and above.
- no consistent pattern emerges by program or English placement test score.
- responses to "it's been easy to have corrections made to my college records" differed by all characteristics except sex. The range was especially large for responses based on both placement test scores.

b. Responses are summarized below in percentages for Section VI items:

Section VI Items:	Total Responses	I did not know about this service.	I knew about this service but did not use it.	I used this service and was satisfied with it.	I used this service and was not satisfied with it.
1. Tutorial services	558	24%	62%	12%	2%
6. Career planning	550	26%	61%	12%	2%
7. Vocational/interest testing	541	34%	54%	9%	2%
8. Career resources library	548	35%	46%	16%	2%
9. Career workshops	543	39%	51%	8%	1%
10. Career exploration course	545	43%	47%	9%	1%
11. Study skills modules	548	36%	48%	14%	2%
12. Information sessions on college services	541	39%	48%	12%	1%
13. Specialized services for: Veterans	470	38%	50%	11%	2%
14. Specialized services for: Foreign Students	464	36%	57%	6%	1%
15. Specialized services for: Handicapped Students	462	35%	57%	7%	2%

The data above show that:

- fewer students (673 possible) rated all eleven items, especially the specialized services for veterans, foreign students, handicapped students. This could be explained, in part, by the fact that students not involved with these services may have elected not to rate them.

- more than one-third of the respondents did not know about nine of the eleven special services/programs, especially: career exploration course (43 percent), career workshops (39 percent), information sessions on college services (39 percent). Students were most familiar with career planning (75 percent) and tutorial services (76 percent).

- the two most commonly used services were career resources library (18 percent) and study skills modules (16 percent). Students who used the services were generally satisfied with them.

Responses to the items in Section VI differed significantly by English (nine) and math (three) placement test scores, cumulative GPA (three), sex (two). Responses did not differ by program for any of the items.

TABLE 5

KNOWLEDGE/USE OF SPECIAL SERVICES AND PROGRAMS
FALL 1979 ENTERING STUDENTS
SPRING 1980 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents "knew but did not use it."

Items	Characteristics[a]					Total Responses	Percent	Range[b]	
	Prog	Sex	Cum GPA	Placement Test Math	Placement Test Eng				
Section VI									
1. Tutorial services				***	*	558	62	81% Math 140 65% Eng +100	50% Math 001 33% Eng 007
6. Career planning						550	61		
7. Vocational/interest testing			*		***	541	54	63% 3.5 & above 68% Eng +100	49% below 2.0 29% ELI 004
8. Career resources library			**		***	548	48	54% 3.5 & above 56% Eng +100	41% below 2.0 33% ELI 004
9. Career workshops			*		**	543	51	53% 3.5 & above, 3.4-3.0 56% Eng +100	47% below 2.0 29% ELI 004
10. Career exploration course		*			*	545	47	49% female 55% Eng +100	45% male 25% Eng 007
11. Study skills modules						548	48		
12. Information sessions on college services				***	**	541	48	53% Math 024 59% Eng +100	34% Math 001 29% ELI 004
13. Specialized services for: Veterans		**			**	470	40	52% female 55% Eng 022/050	46% male 27% Eng 007
14. Specialized services for: Foreign Students				**	***	464	57	59% Math 140 63% Eng 020/050	45% Math 001 41% ELI 004, Eng 021
15. Specialized services for: Handicapped Students					***	462	57	61% Eng +100	40% Eng 007

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Range given only when responses differed significantly.

The above data in Table 5 show that:

- students whose scores were Eng +100 were aware of services although they did not use them. Compared to the percentage for the total respondents, especially high proportions knew about: vocational/interest testing and tutorial services. In contrast, there were low percentages of students whose scores

were ELI 004 who were aware of various student services and did not use them: vocational/interest testing, career workshops, and information sessions on college services.

- students with higher math placement scores, in contrast to those with Math 001 scores, were aware of but did not use: tutorial services, information sessions on college services, and specialized services for foreign students.

- students with GPAs of 3.5 and above, compared to those with below 2.0, were generally more aware of but did not use: vocational/interest testing, career resources library, and career workshops.

5. Evaluation of Instructional Services and Academic Support

A total of nineteen items (V [2-11, 16-20] and VI [2-5]) dealt with instructional services and academic support.[4]

a. Responses are summarized below in percentages for fifteen Section V items:

		Strongly Disagree	Agree	Strongly Agree
Section V Items:				
2. I was able to enroll in most of the courses I wanted.	639	31%	45%	25%
3. The grading system, as a whole, is fair.	630	7%	71%	22%
4. Program and course objectives are clear and understandable.	633	6%	73%	21%
5. Most of my classes are too large.	625	56%	36%	8%
6. Most equipment available for use in my classes is adequate for my needs.	611	15%	69%	16%
7. Most courses require intensive study and preparation out of class.	625	15%	64%	21%
8. I've enjoyed most of the courses I've taken at this college.	626	11%	67%	22%
9. I'm satisfied with the knowledge I've gained from the general education courses.	622	7%	68%	26%
10. I'm satisfied with the knowledge I've gained from courses in my major field.	624	10%	67%	24%
11. Most students set high standards of achievement for themselves.	619	13%	68%	20%
16. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.	586	38%	52%	10%
17. The books and periodicals I need are available in the library.	606	20%	66%	14%
18. Library staff is accessible to students.	590	10%	74%	16%
19. The library orientation sessions have helped me to use the library effectively.	537	23%	65%	12%
20. The library's evening hours are sufficient.	556	16%	73%	11%

[4]See also responses to items IV [4 and 7] on pages 4 and 5 of this report.

The data for Section V show that:

- the great majority rated eleven of the items, with fewer responding to the item on physical facilities and three library-related items.
- with twelve (of fifteen) items more than three-fourths of the respondents agreed, regarding courses and academic support.
- with five items 90 percent or more of the respondents agreed: program and course objectives are clear and understandable; knowledge was gained from general education courses; the grading system, as a whole, is fair; knowledge was gained from courses in major field; the library staff is accessible to students.
- with three items respondents strongly disagreed: most classes are too large (56 percent), the nature of physical facilities lessened enjoyment of KCC (38 percent), enrollment in most desired courses was possible (31 percent).

Table 6 highlights the characteristics for which responses differed significantly. The data show that:

- responses differed, by cumulative GPA, on nine items. Respondents with GPAs of 2.0 and above, in contrast to those below 2.0, generally agreed with all items. Especially high proportions of students with GPAs of 3.5 and above agreed that: the grading system is fair (98 percent); knowledge was gained from general education courses (97 percent); they enjoyed most of their courses taken at KCC (96 percent). These students strongly disagreed that most classes were too large (73 percent).
- responses differed on four items, by program, with vocational education students generally more readily agreeing with the items. Very high proportions of health majors agreed that: they were able to enroll in most of their desired courses (96 percent); most courses require intensive study and preparation out of class (96 percent); most students set high standards of achievement (94 percent).

TABLE 6

SENTIMENTS ON COURSE EXPERIENCES AND LIBRARY
FALL 1979 ENTERING STUDENTS
SPRING 1980 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents combined agree and strongly agree responses.

Items	Characteristics[a]					Total Responses	Percent	Range[b]	
	Prog	Sex	Cum GPA	Placement Test Math	Placement Test Eng				
Section V									
2. I was able to enroll in most of the courses I wanted.	***		*	**	**	639	69	96% health 72% 3.4-3.0, 2.9-2.0 79% Math 140 73% Eng +100	62% liberal arts 62% below 2.0 57% Math 025 57% ELI 004
3. The grading system, as a whole, is fair.			***			630	93	98% 3.5 & above	89% below 2.0
4. Program and course objectives are clear and understandable.			***		**	633	94	95% 3.4-3.0, 2.9-2.0 97% Eng 100	92% 3.5 & above, below 2.0 81% ELI 004
5. Most of my classes are too large.			**			625	44	52% 2.9-2.0	27% 3.5 & above
6. Most equipment available for use in my classes is adequate for my needs.	*					611	85	90% food	68% health
7. Most courses require intensive study and preparation out of class.	***					625	85	96% health	72% unclassified
8. I've enjoyed most of the courses I've taken at this college.			***		*	626	89	96% 3.5 & above 92% Eng +100	81% below 2.0 68% ELI 004
9. I'm satisfied with the knowledge I've gained from the general education courses.			***			622	93	97% 3.5 & above, 3.4-3.0	90% 2.9-2.0, below 2.0
10. I'm satisfied with the knowledge I've gained from courses in my major field.			***			624	90	95% 3.4-3.0	88% 2.9-2.0, below 2.0
11. Most students set high standards of achievement for themselves.	***		***			619	87	94% health 92% 2.9-2.0	68% unclassified 72% 3.5 & above
16. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.					**	586	62	80% ELI 004	58% Eng 100
17. The books and periodicals I need are available in the library.						606	80		
18. Library staff is accessible to students.			*			590	90	91% 3.4-3.0	90% 2.9-2.0
19. The library orientation sessions have helped me to use the library effectively.						537	77		
20. The library's evening hours are sufficient.						556	84		

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Range given only when responses differed significantly.

- responses differed, by English placement test scores, on four items. Higher proportions of students with scores of Eng 100 or higher, in contrast with those whose scores were ELI 004, tended to agree that: they were able to enroll in most of their desired courses; program and course objectives are clear and understandable; they enjoyed most of their courses taken at KCC.

- responses to "I was able to enroll in most of the courses I wanted" differed by all characteristics except sex. Only 69 percent of the students agreed with this statement, and the range was greatest by program (96 percent, health to 62 percent, liberal arts).

b. Responses are summarized below in percentages for Section VI items:

Section VI Items:	Total Responses	I did not know about this service.	I knew about this service but did not use it.	I used this service and was satisfied with it.	I used this service and was not satisfied with it.
2. Cooperative education	549	27%	57%	14%	2%
3. Math labs	549	22%	62%	13%	3%
4. Reading labs	551	24%	62%	13%	2%
5. Writing labs	551	26%	59%	15%	1%

The above data show that:

- generally fewer students (673 possible) responded to all four items.

- more than half of the respondents knew about, but did not use these academic support services, ranging from 62 percent (math labs, reading labs) to 57 percent (cooperative education).

- almost one-sixth of the respondents used these resources and were generally satisfied with each.

- approximately one-fourth of the respondents were not aware of the services, ranging from 27 percent (cooperative education) to 22 percent (math labs).

Table 7 highlights the characteristics for which responses differed significantly.

Table 7

SENTIMENTS ON OTHER ACADEMIC SUPPORT
FALL 1979 ENTERING STUDENTS
SPRING 1980 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents "knew about the service but did not use it."

Items	Characteristics[a]					Total Responses	Percent	Range[b]	
	Prog	Sex	Cum GPA	Placement Test Math	Placement Test Eng				
Section VI									
2. Cooperative education					*	549	57	64% Eng +100	29% ELI 004
3. Math labs	**	***		**	*	549	62	68% business, health	35% food
								67% female	53% male
								70% Math 130, etc.	49% Math 001
								69% Eng 022/050	41% ELI 004
4. Reading labs		*	*		***	551	62	63% female	59% male
								67% 3.5 & above	60% 2.9-2.0
								69% Eng +100	38% ELI 004
5. Writing labs		*			*	551	59	62% female	54% male
								64% Eng 010, Eng 022/050	31% ELI 004

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Range given only when responses differed significantly.

The data in Table 7 show that:

responses to all four items differed by English placement test scores. Respondents with scores above ELI 004, in contrast to those whose scores were ELI 004, knew about cooperative education and math, reading, and writing labs although they chose not to use them.

responses differed, by sex, on three items. There were higher proportions of females who were aware of the math, reading, and writing labs but did not use them.

D. Summary and Concluding Comments

Despite a disappointingly low rate of return (673 respondents, 50 percent), we proceeded with our analysis because respondents and non-respondents did not differ significantly on many characteristics. The Spring 1980 Continuing Student Survey provided us with valuable data about how an entering group of students (Fall 1979) rated their first semester at Kapiolani Community College.

1. Profile of Respondents

In general, Fall 1979 entering students who responded (the majority or plurality) to the survey were, at the time of entry:

- majors in liberal arts, *45%*; business, *37%*
- females, *65%*
- below 19 years old, *50%*
- new to higher education, *74%*
- full-time students, *68%*
- recommended to take Math 25 or lower, *55%*
- recommended to take Eng 22/55 or lower, *43%*
  Eng 100 or higher, *39%*

At the end of their first semester at Kapiolani, the respondents had earned:

• grade point averages of	3.5 & above	*17%*
	3.0 - 3.4	*23%*
	2.0 - 2.9	*38%*
	below 2.0	*21%*
• credit-completion ratios of	1.00	*79%*
	.80 - .99	*5%*
	.50 - .79	*10%*
	below .50	*5%*

Furthermore, 72 percent of the respondents worked during their first semester of enrollment at Kapiolani.

2. Major Findings

a. Employment Experience: In both Fall 1979 and Spring 1980, close to three-fourths (72 percent) of the respondents worked.

b. Student Knowledge of Procedures and Requirements: Items dealt with registration, advising, transfer of courses, requirements for their majors and for graduation, and course descriptions.

At least two-thirds of the respondents indicated knowledge of the college's various procedures and requirements. On

only one item, "I saw my advisor during the past semester at times other than registration," was there a minority response (38 percent). However, two-thirds of the respondents also indicated that they did not need to see their advisors because of the helpfulness of SAM.

c. Evaluation of KCC Experience: There were a number of specific items, related to instruction, the curriculum, student services, college ambiance and facilities, as well as some "global" items to solicit overall reactions to the KCC experience.

At least seven-eighths of the students rated as "satisfactory" or better all specific items, except variety of courses you could take (70 percent). The two items which received satisfactory or better ratings from 95 percent of the respondents were: instruction and friendship with other students.

Responses to the global items were likewise favorable: 91 percent rated the total college experience as satisfactory or better; 78 percent agreed (includes strongly agree) that there is a feeling of ohana at KCC; 65 percent indicated that they like attending KCC (including 9 percent who were "enthusiastic about it").

d. Evaluation of Student Services: Students rated some items dealing with registration, college regulations, student records and activities. In addition, students indicated their knowledge and use of specific services, such as, tutorial services, career planning, study skills modules, and specialized services for veterans.

Over 90 percent of the respondents agreed that registration procedures were easy to follow and that students followed college regulations. A slightly smaller proportion (81 percent) agreed that: channels for student complaints were easily accessible, college records could easily be corrected, and variety of student activities was satisfactory.

More than one-third of the respondents did not know about nine of the eleven specific services: the career exploration course, career workshops, information sessions on college services, career resources library, vocational/interest testing, study skills modules, and the specialized services for veterans, for foreign students, and for handicapped students. A majority of students knew about but did not use seven of the specific services. The two most often used services were career resources library (18 percent) and study skills modules (16 percent). A great majority of students who took advantage of these services were satisfied with them.

e. Evaluation of Instructional Services and Academic Support: Students indicated their agreement with items dealing with courses, grading and standards, objectives and knowledge gained, equipment and facilities, and the library. In addition, students indicated their knowledge about cooperative education and the math, reading, and writing labs.

The great majority of students agreed with all but two items dealing with instructional services and academic support. More than one-fifth strongly agreed with eight of fifteen items: knowledge gained from general education courses; ability to enroll in most desired courses; knowledge gained from courses in major field; grading system, as a whole, is fair; enjoyment of most courses taken at this college; program and course objectives clear and understandable; courses require intensive study and preparation outside of class; students set high standards of achievement.

Notable are: the fairly even distribution of responses to "able to enroll in most desired courses" (31 percent strongly disagreed, 45 percent agreed, 25 percent strongly agreed) and the higher proportion of students who strongly disagreed--most classes are too large (56 percent), nature of physical facilities lessened my enjoyment of KCC (38 percent).

Fewer than 85 percent of the respondents rated the items on cooperative education and the math, reading, and writing labs. More than one-fifth of the students did not know about, while the majority of students knew about but did not use, these opportunities. A great majority of the students who enrolled in cooperative education or used the labs were satisfied with them.

f. Significant Differences: On the 57 items in the survey, responses differed significantly by:

- English placement test scores on 27 items
- cumulative GPA on 23 items
- program on 18 items
- sex on 12 items
- math placement test scores on 7 items

Responses to four items differed significantly by at least four of the characteristics listed above:

• Did you work during the previous semester?	all 5
• I was able to enroll in most of the courses I wanted.	4, except sex
• It's been easy to have corrections made to my college records.	4, except sex
• Math labs	4, except GPA

3. Concluding Comments

Many students who entered KCC in Fall 1979 reacted favorably to their first semester's experience, both in "global" and specific terms. Since students generally are positive in their evaluations, it is important to note the range in satisfaction with various services and programs.

Responses indicate that campus personnel should consider two major areas that need improvement:

* courses, variety and availability

  ** 30 percent of 650 respondents were not satisfied with the variety offered (III-3).
  ** 31 percent of 630 respondents disagreed that they were able to enroll inmost desired courses (V-2).

* special courses, services, labs

  ** among 22 items rated by fewer than 575 respondents (85 percent of the possible 673) were all 15 items listed in Section VI, dealing with special courses, services, and labs.
  ** an average of 32 percent (ranging from 22 to 43 percent) of the respondents did not know about these opportunities.
  ** the majority (or plurality, in a few instances) response was "knew about this service but did not use it."

We hope that the faculty will find the data and major highlights helpful in obtaining feedback from students, particularly of those in their major field. However, the results of this survey should not be viewed as ends in themselves but rather as indications of ways in which campus improvements or revisions might be undertaken.

While no formal analysis is planned for comparing how students responded to both the Entering Student and Continuing Student Surveys, the following, for example, is noteworthy: perceptions by students responding to the Entering Student Survey revealed a low estimate of need for extra help and services in job counseling and tutoring, and responses to similar services in the Continuing Student Survey revealed that less than 20 percent used them. Such questions as the following should be explored: Did campus personnel expect students to exhibit this extent of "felt needs" and "use of services," given the nature of entering students? What relationship is there between student characteristics (especially academic backgrounds as reflected in first semester GPA and placement test scores) and self-awareness of need and use of special services? Is there a need for more effective publicizing of services? Is it feasible to provide an "outreach" emphasis (rather than relying solely on individual

motivation)? In light of limited resources, should the service be continued?

In order to assist campus personnel in analyzing data from the Spring 1980 Continuing Student Survey, details, by program, are included in the appendix. Readers interested in analyzing responses by other characteristics (sex, cumulative GPA, math and English placement test scores) are urged to contact the staff working on the Student Flow Program.

APPENDIX A

CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
Spring 1980

Dear Continuing Student:

Welcome back to Kapiolani Community College!

We are trying to improve our instruction and student services, and we need you help. You can assist us by completing this questionnaire.

After you have picked up your course cards and filled out your fee slip, we hope you will take a few minutes to complete the Continuing Student Survey. You will be asked to turn in the survey as part of the checkout process.

Thank you very much for your cooperation and help.

_____
Joyce S. Tsunoda, Provost

I. Did you work during the previous semester? (Check one.)

1. ( ) yes, on campus, full-time (35 or more hours weekly)
2. ( ) yes, off campus, full-time
3. ( ) yes, on campus, part-time (under 35 hours weekly)
4. ( ) yes, off campus, part-time
5. ( ) no

II. Are you working this semester? (Check one.)

1. ( ) yes, on campus, full-time (35 or more hours weekly)
2. ( ) yes, off campus, full-time
3. ( ) yes, on campus, part-time (under 35 hours weekly)
4. ( ) yes, off campus, part-time
5. ( ) no

III. Please circle the number that best indicates your evaluation of your experience at Kapiolani Community College: (Respond to each item, if possible.)

	Not Satisfied		Satisfied		Very Satisfied
1. Instruction	1	2	3	4	5
2. Faculty/student relations	1	2	3	4	5
3. Variety of courses you could take	1	2	3	4	5
4. Intellectual environment	1	2	3	4	5
5. Orientation	1	2	3	4	5
6. Counseling/academic advising	1	2	3	4	5
7. Financial aid services (grants, loans, scholarships, work/study)	1	2	3	4	5
8. Student employment services (on- or off-campus jobs)	1	2	3	4	5
9. Friendship with other students	1	2	3	4	5
10. Facilities/equipment	1	2	3	4	5
11. Total experience at college	1	2	3	4	5

IV. Please check either "yes" or "no" for each statement:

	Yes	No
1. I had sufficient information on registration procedures	1. ( )	2. ( )
2. I saw my advisor during the past semester at times other than registration.	1. ( )	2. ( )
3. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	1. ( )	2. ( )
4. I've read that part of the college catalog that relates to my major area of study.	1. ( )	2. ( )
5. I know the graduation requirements for my major area of study.	1. ( )	2. ( )
6. There is adequate information on transfer of community college courses to four-year colleges.	1. ( )	2. ( )
7. Course descriptions generally are accurate.	1. ( )	2. ( )

V. Please circle the number which comes closest to expressing your opinion:

	Strongly Disagree		Agree		Strongly Agree
1. The registration procedures, in general, are well-defined and easy to follow.	1	2	3	4	5
2. I was able to enroll in most of the courses I wanted.	1	2	3	4	5
3. The grading system, as a whole, is fair.	1	2	3	4	5
4. Program and course objectives are clear and understandable.	1	2	3	4	5
5. Most of my classes are too large.	1	2	3	4	5
6. Most equipment availabe for use in my classes is adequate for my needs (e.g., laboratory, typewriters, machines).	1	2	3	4	5
7. Most courses require intensive study and preparation out of class.	1	2	3	4	5
8. I've enjoyed most of the course I've taken at this college.	1	2	3	4	5
9. I'm satisfied with the knowledge I've gained from the general education courses.	1	2	3	4	5
10. I'm satisfied with the knowledge I've gained from courses in my major field.	1	2	3	4	5
11. Most students set high standards of achievement for themselves.	1	2	3	4	5
12. Students generally follow college rules and regulations.	1	2	3	4	5
13. There is a feeling of ohana at this college.	1	2	3	4	5
14. Channels for expressing students' complaints are readily accessible.	1	2	3	4	5
15. It's been easy to have corrections made to my college records.	1	2	3	4	5
16. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.	1	2	3	4	5
17. The books and periodicals I need are available in the library.	1	2	3	4	5
18. Library staff is accessible to students.	1	2	3	4	5
19. The library orientation sessions have helped me to use the library effectively.	1	2	3	4	5
20. The library's evening hours are sufficient.	1	2	3	4	5
21. I am satisfied with the variety of student activities available.	1	2	3	4	5

IV. For each service/ program listed below, please circle the number that is most appropriate.

I used this service and was not satisfied with it.
I used this service and was satisfied with it.
I knew about this service but did not use it.
I did not know about this service.

1. Tutorial services	1	2	3	4
2. Cooperative education	1	2	3	4
3. Math labs	1	2	3	4
4. Reading labs	1	2	3	4
5. Writing labs	1	2	3	4
6. Career planning	1	2	3	4
7. Vocational/interest testing	1	2	3	4
8. Career resources library	1	2	3	4
9. Career workshops	1	2	3	4
10. Career exploration course	1	2	3	4
11. Study skills modules	1	2	3	4
12. Information sessions on college services	1	2	3	4
Specialized services for:				
13. Veterans	1	2	3	4
14. Foreign students	1	2	3	4
15. Handicapped students	1	2	3	4

VII. In general, how well do you like attending this college? (Check One.)

1. ( ) I don't like it.
2. ( ) I am more or less neutral about it.
3. ( ) I like it.
4. ( ) I am enthusiastic about it.

VIII. What are your suggestions for improving this college?

MAHALO!

Please drop your completed survey in the box provided as you check out.

APPENDIX B

TABLES FOR EACH ITEM, BY PROGRAM

ITEM1 WORKED DURING PREVIOUS SEMESTER?

ITEM1	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 ON CAMPUS,FULL-T	1	1	2	0	0	1	4
		0.3	0.8	0.0	0.0	3.7	0.6
2 OFFCAMPUS,FULL-T		39	32	1	9	10	91
		13.0	13.1	1.9	22.0	37.0	13.6
3 ON CAMPUS,PART-T		22	15	2	3	2	44
		7.3	6.1	3.8	7.3	7.4	6.6
4 OFFCAMPUS,PART-T		164	125	21	19	11	340
		54.5	51.0	39.6	46.3	40.7	51.0
5 NO		75	71	29	10	3	188
		24.9	29.0	54.7	24.4	11.1	28.2
	COLUMN TOTAL	301	245	53	41	27	667
		45.1	36.7	7.9	6.1	4.0	100.0

RAW CHI SQUARE = 45.13480 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001

NUMBER OF MISSING OBSERVATIONS = 6

ITEM2 WORKING THIS SEMESTER?

ITEM2	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 ON CAMPUS,FULL-T	1	2	2	0	0	1	5
		0.7	0.8	0.0	0.0	3.7	0.7
2 OFFCAMPUS,FULL-T		36	31	2	10	8	87
		12.0	12.7	3.8	23.8	29.6	13.0
3 ON CAMPUS,PART-T		33	24	1	2	1	61
		11.0	9.8	1.9	4.8	3.7	9.1
4 OFFCAMPUS,PART-T		157	115	24	16	13	325
		52.3	46.9	45.3	38.1	48.1	48.7
5 NO		72	73	26	14	4	189
		24.0	29.8	49.1	33.3	14.8	28.3
	COLUMN TOTAL	300	245	53	42	27	667
		45.0	36.7	7.9	6.3	4.0	100.0

RAW CHI SQUARE = 37.53073 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0018

NUMBER OF MISSING OBSERVATIONS = 6

ITEM31 EVAL. OF KCC: INSTRUCTION

ITEM31	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED	6	5	0	1	1	13
	2.0	2.0	0.0	2.4	3.7	2.0
2	8	10	2	1	1	22
	2.7	4.1	3.8	2.4	3.7	3.3
3 SATISFIED	205	178	38	24	21	466
	68.1	73.0	71.7	58.5	77.8	70.0
4	53	41	11	10	2	117
	17.6	16.8	20.0	24.4	7.4	17.6
5 VERY SATISFIED	29	10	2	5	2	48
	9.6	4.1	3.8	12.2	7.4	7.2
COLUMN TOTAL	301	244	53	41	27	666
	45.2	36.6	8.0	6.2	4.1	100.0

RAW CHI SQUARE = 15.07167 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5194

NUMBER OF MISSING OBSERVATIONS = 7

ITEM32 EVAL. OF KCC: FACULTY-STUDENT RELATIONS

ITEM32	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED	4	6	1	2	1	14
	1.3	2.5	1.9	4.8	3.7	2.1
2	24	26	5	1	2	58
	8.1	10.8	9.4	2.4	7.4	8.8
3 SATISFIED	182	156	34	24	18	414
	61.3	64.7	64.2	57.1	66.7	62.7
4	61	46	10	9	3	129
	20.5	19.1	18.9	21.4	11.1	19.5
5 VERY SATISFIED	26	7	3	6	3	45
	8.8	2.9	5.7	14.3	11.1	6.8
COLUMN TOTAL	297	241	53	42	27	660
	45.0	36.5	8.0	6.4	4.1	100.0

RAW CHI SQUARE = 19.12802 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2621

NUMBER OF MISSING OBSERVATIONS = 13

ITEM33 EVAL. OF KCC: VARIETY OF COURSES

ITEM33	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED	26	15	0	2	3	46
	8.8	6.3	0.0	4.9	12.0	7.1
2	87	46	3	2	9	147
	29.6	19.3	5.8	4.9	36.0	22.6
3 SATISFIED	143	135	34	24	11	347
	48.6	56.7	65.4	58.5	44.0	53.4
4	28	27	11	8	1	75
	9.5	11.3	21.2	19.5	4.0	11.5
5 VERY SATISFIED	10	15	4	5	1	35
	3.4	6.3	7.7	12.2	4.0	5.4
COLUMN TOTAL	294	238	52	41	25	650
	45.2	36.6	8.0	6.3	3.8	100.0

RAW CHI SQUARE = 47.09836 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001

NUMBER OF MISSING OBSERVATIONS = 23

ITEM34 EVAL. OF KCC: INTELLECTUAL ENVIRONMENT

ITEM34	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	1	5	7	2	2	1	17
		1.7	3.0	3.8	5.1	3.8	2.6
	2	32	16	10	4	5	67
		10.8	6.8	18.9	10.3	19.2	10.3
	3	216	180	32	25	17	470
SATISFIED		73.0	75.9	60.4	64.1	65.4	72.2
	4	29	31	9	6	3	78
		9.8	13.1	17.0	15.4	11.5	12.0
5 VERY SATISFIED	5	14	3	0	2	0	19
		4.7	1.3	0.0	5.1	0.0	2.9
	COLUMN TOTAL	296	237	53	39	26	651
		45.5	36.4	8.1	6.0	4.0	100.0

RAW CHI SQUARE = 24.65376 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0762

NUMBER OF MISSING OBSERVATIONS = 22

ITEM35 EVAL. OF KCC: ORIENTATION

ITEM35	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	1	11	9	0	1	2	23
		3.8	3.8	0.0	2.4	7.7	3.6
	2	27	21	1	3	5	57
		9.3	8.9	2.0	7.3	19.2	8.8
	3	203	161	39	25	13	441
SATISFIED		69.8	67.9	76.5	61.0	50.0	68.3
	4	35	38	9	7	5	94
		12.0	16.0	17.6	17.1	19.2	14.6
5 VERY SATISFIED	5	15	8	2	5	1	31
		5.2	3.4	3.9	12.2	3.8	4.8
	COLUMN TOTAL	291	237	51	41	26	646
		45.0	36.7	7.9	6.3	4.0	100.0

RAW CHI SQUARE = 19.98410 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2209

NUMBER OF MISSING OBSERVATIONS = 27

ITEM36 EVAL. OF KCC: COUNSELING-ACADEM. ADVISNG

ITEM36	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	1	7	13	1	2	1	24
		2.4	5.6	2.0	4.8	4.0	3.8
	2	39	28	4	6	7	84
		13.6	12.0	8.2	14.3	28.0	13.2
	3	177	138	34	20	11	380
SATISFIED		61.7	59.2	69.4	47.6	44.0	59.7
	4	46	39	7	8	5	105
		16.0	16.7	14.3	19.0	20.0	16.5
5 VERY SATISFIED	5	18	15	3	6	1	43
		6.3	6.4	6.1	14.3	4.0	6.8
	COLUMN TOTAL	287	233	49	42	25	636
		45.1	36.6	7.7	6.6	3.9	100.0

RAW CHI SQUARE = 16.80606 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3983

NUMBER OF MISSING OBSERVATIONS = 37

ITEM37 EVAL. OF KCC: FINANCIAL AID SERVICES

ITEM37	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 NOT SATISFIED	1	7	5	2	2	1	17
		2.9	2.4	5.1	6.5	4.2	3.1
	2	20	18	4	3	2	47
		8.3	8.8	10.3	9.7	8.3	8.7
SATISFIED	3	175	136	24	18	18	371
		72.3	66.3	61.5	58.1	75.0	68.6
	4	26	26	7	6	2	67
		10.7	12.7	17.9	19.4	8.3	12.4
VERY SATISFIED	5	14	20	2	2	1	39
		5.8	9.8	5.1	6.5	4.2	7.2
	COLUMN TOTAL	242	205	39	31	24	541
		44.7	37.9	7.2	5.7	4.4	100.0

RAW CHI SQUARE = 9.93196 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8702

NUMBER OF MISSING OBSERVATIONS = 132

ITEM38 EVAL. OF KCC: STUDENT EMPLOYMENT SERV.

ITEM38	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 NOT SATISFIED	1	4	4	0	1	2	11
		1.7	2.0	0.0	3.2	9.1	2.1
	2	25	15	3	4	2	49
		10.5	7.5	8.8	12.9	9.1	9.3
SATISFIED	3	174	128	24	15	14	355
		73.4	63.7	70.6	48.4	63.6	67.6
	4	20	30	6	8	2	66
		8.4	14.9	17.6	25.8	9.1	12.6
VERY SATISFIED	5	14	24	1	3	2	44
		5.9	11.9	2.9	9.7	9.1	8.4
	COLUMN TOTAL	237	201	34	31	22	525
		45.1	38.3	6.5	5.9	4.2	100.0

RAW CHI SQUARE = 26.61075 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0460

NUMBER OF MISSING OBSERVATIONS = 148

ITEM39 EVAL. OF KCC: FRIENDSHIP WITH STUDENTS

ITEM39	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 NOT SATISFIED	1	3	2	0	1	1	7
		1.0	0.8	0.0	2.4	3.7	1.1
	2	12	10	1	1	1	25
		4.1	4.2	1.9	2.4	3.7	3.8
SATISFIED	3	165	124	24	16	9	338
		55.9	51.7	46.2	38.1	33.3	51.5
	4	82	72	17	11	13	195
		27.8	30.0	32.7	26.2	48.1	29.7
VERY SATISFIED	5	33	32	10	13	3	91
		11.2	13.3	19.2	31.0	11.1	13.9
	COLUMN TOTAL	295	240	52	42	27	656
		45.0	36.6	7.9	6.4	4.1	100.0

RAW CHI SQUARE = 24.00526 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0894

NUMBER OF MISSING OBSERVATIONS = 17

ITEM310 EVAL. OF KCC: FACILITIES-EQUIPMENT

ITEM310	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED		9	3	1	0	2	15
		3.1	1.3	1.9	0.0	7.4	2.3
2		38	19	9	2	3	71
		13.1	8.3	17.0	4.9	11.1	11.1
3 SATISFIED		199	143	33	20	17	412
		68.6	62.2	62.3	48.8	63.0	64.3
4		34	51	9	11	3	108
		11.7	22.2	17.0	26.8	11.1	16.8
5 VERY SATISFIED		10	14	1	8	2	35
		3.4	6.1	1.9	19.5	7.4	5.5
COLUMN TOTAL		290	230	53	41	27	641
		45.2	35.9	8.3	6.4	4.2	100.0

RAW CHI SQUARE = 44.05190 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0002

NUMBER OF MISSING OBSERVATIONS = 32

ITEM311 EVAL. OF KCC: TOTAL EXPERIENCE AT KCC

ITEM311	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED		7	2	1	0	0	10
		2.3	0.8	1.9	0.0	0.0	1.5
2		32	14	1	1	1	49
		10.7	5.9	1.9	2.4	3.7	7.5
3 SATISFIED		191	143	34	22	18	408
		64.1	60.1	65.4	53.7	66.7	62.2
4		44	57	11	9	6	127
		14.8	23.9	21.2	22.0	22.2	19.4
5 VERY SATISFIED		24	22	5	9	2	62
		8.1	9.2	9.6	22.0	7.4	9.5
COLUMN TOTAL		298	238	52	41	27	656
		45.4	36.3	7.9	6.3	4.1	100.0

RAW CHI SQUARE = 26.96271 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0419

NUMBER OF MISSING OBSERVATIONS = 17

ITEM41 HAD SUFFICIENT INFO ON REGIS. PROCEDURES

ITEM41	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 YES		260	209	47	37	22	575
		86.4	85.3	88.7	88.1	81.5	86.1
2 NO		41	36	6	5	5	93
		13.6	14.7	11.3	11.9	18.5	13.9
COLUMN TOTAL		301	245	53	42	27	668
		45.1	36.7	7.9	6.3	4.0	100.0

RAW CHI SQUARE = 1.06241 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9002

NUMBER OF MISSING OBSERVATIONS = 5

ITEM42 SAW ADVISOR PAST SEM. OTHER THAN REGIS.

ITEM42	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 YES	1	110	78	32	26	6	252
		36.7	31.8	61.5	61.9	22.2	37.8
2 NO	2	190	167	20	16	21	414
		63.3	68.2	38.5	38.1	77.8	62.2
COLUMN TOTAL		300	245	52	42	27	666
		45.0	36.8	7.8	6.3	4.1	100.0

RAW CHI SQUARE = 29.48663 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 7

ITEM43 SAW HELPFUL, DIDN'T NEED ADVISOR

ITEM43	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 YES	1	104	176	24	18	14	416
		65.9	74.9	55.8	47.4	56.0	67.1
2 NO	2	95	59	19	20	11	204
		34.1	25.1	44.2	52.6	44.0	32.9
COLUMN TOTAL		279	235	43	38	25	620
		45.0	37.9	6.9	6.1	4.0	100.0

RAW CHI SQUARE = 17.21028 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0018

NUMBER OF MISSING OBSERVATIONS = 53

ITEM44 READ COLLEGE CATALOG ABOUT MAJOR FIELD

ITEM44	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 YES	1	237	219	43	34	16	549
		80.6	89.8	84.3	82.9	59.3	83.6
2 NO	2	57	25	8	7	11	108
		19.4	10.2	15.7	17.1	40.7	16.4
COLUMN TOTAL		294	244	51	41	27	657
		44.7	37.1	7.8	6.2	4.1	100.0

RAW CHI SQUARE = 20.31554 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0004

NUMBER OF MISSING OBSERVATIONS = 16

ITEM45 KNOW GRAD. REQUIREMENTS FOR MY MAJOR

ITEM45	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 YES	1	241	206	49	36	16	548
		81.7	84.8	94.2	92.3	61.5	83.7
2 NO	2	54	37	3	3	10	107
		18.3	15.2	5.8	7.7	38.5	16.3
COLUMN TOTAL		295	243	52	39	26	655
		45.0	37.1	7.9	6.0	4.0	100.0

RAW CHI SQUARE = 16.74878 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0022

NUMBER OF MISSING OBSERVATIONS = 18

ITEM46 ADEQ. INFO-TRNSFR OF COURSES TO 4 YR COL

ITEM46	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 YES	1	215	182	37	30	20	484
		73.6	77.1	75.5	76.9	74.1	75.3
2 NO	2	77	54	12	9	7	159
		26.4	22.9	24.5	23.1	25.9	24.7
	COLUMN TOTAL	292	236	49	39	27	643
		45.4	36.7	7.6	6.1	4.2	100.0

RAW CHI SQUARE = 0.93470 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9195

NUMBER OF MISSING OBSERVATIONS = 30

ITEM47 COURSE DESCRIPTIONS GENERALLY ACCURATE

ITEM47	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 YES	1	255	217	46	37	24	579
		86.1	89.3	92.0	92.5	88.9	88.3
2 NO	2	41	26	4	3	3	77
		13.9	10.7	8.0	7.5	11.1	11.7
	COLUMN TOTAL	296	243	50	40	27	656
		45.1	37.0	7.6	6.1	4.1	100.0

RAW CHI SQUARE = 2.90703 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5735

NUMBER OF MISSING OBSERVATIONS = 17

ITEM51 REGIS. PROC. WELL-DEFINED, EASY TO FOLLOW

ITEM51	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 STRONGLY DISAGREE	1	11	6	0	2	2	21
		3.8	2.6	0.0	4.9	8.0	3.3
	2	23	9	2	1	1	36
		7.8	3.9	3.8	2.4	4.0	5.6
3 AGREE	3	212	175	42	31	17	477
		72.4	75.4	80.8	75.6	68.0	74.2
	4	29	24	5	4	3	65
		9.9	10.3	9.6	9.8	12.0	10.1
5 STRONGLY AGREE	5	18	18	3	3	2	44
		6.1	7.8	5.8	7.3	8.0	6.8
	COLUMN TOTAL	293	232	52	41	25	643
		45.6	36.1	8.1	6.4	3.9	100.0

RAW CHI SQUARE = 10.69018 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8282

NUMBER OF MISSING OBSERVATIONS = 30

ITEM52 ABLE TO ENROLL IN MOST DESIRED COURSES

ITEM52	ORGSTRUC: COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 STRONGLY DISAGREE		52	24	0	2	4	82
		17.8	10.4	0.0	5.0	16.7	12.8
2		60	43	2	4	5	114
		20.5	18.6	3.8	10.0	20.8	17.8
3 AGREE		126	105	27	21	6	285
		43.2	45.5	51.9	52.5	25.0	44.6
4		29	40	7	7	5	88
		9.9	17.3	13.5	17.5	20.8	13.8
5 STRONGLY AGREE		25	19	16	6	4	70
		8.6	8.2	30.8	15.0	16.7	11.0
COLUMN TOTAL		292	231	52	40	24	639
		45.7	36.2	8.1	6.3	3.8	100.0

RAW CHI SQUARE = 57.03693 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 34

ITEM53 GRADING SYSTEM AS A WHOLE IS FAIR

ITEM53	ORGSTRUC: COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 STRONGLY DISAGREE		7	6	0	3	1	17
		2.4	2.7	0.0	7.3	4.0	2.7
2		6	13	3	3	2	27
		2.1	5.8	5.9	7.3	8.0	4.3
3 AGREE		213	164	35	21	15	448
		74.2	72.6	68.6	51.2	60.0	71.1
4		41	30	8	8	4	91
		14.3	13.3	15.7	19.5	16.0	14.4
5 STRONGLY AGREE		20	13	5	6	3	47
		7.0	5.8	9.8	14.6	12.0	7.5
COLUMN TOTAL		287	226	51	41	25	630
		45.6	35.9	8.1	6.5	4.0	100.0

RAW CHI SQUARE = 20.32736 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2058

NUMBER OF MISSING OBSERVATIONS = 43

ITEM54 PROG. & COURSE OBJ. CLEAR, UNDERSTANDABLE

ITEM54	ORGSTRUC: COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 STRONGLY DISAGREE		4	5	0	1	1	11
		1.4	2.2	0.0	2.5	4.0	1.7
2		13	9	4	1	2	29
		4.5	3.9	7.8	2.5	8.0	4.6
3 AGREE		219	167	31	27	16	460
		75.8	73.2	60.8	67.5	64.0	72.7
4		38	36	11	6	5	96
		13.1	15.8	21.6	15.0	20.0	15.2
5 STRONGLY AGREE		15	11	5	5	1	37
		5.2	4.8	9.8	12.5	4.0	5.8
COLUMN TOTAL		289	228	51	40	25	633
		45.7	36.0	8.1	6.3	3.9	100.0

RAW CHI SQUARE = 14.19304 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5843

NUMBER OF MISSING OBSERVATIONS = 40

ITEM55 MOST OF MY CLASSES TOO LARGE.

ITEM55	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE		23	17	8	5	2	55
		8.0	7.6	15.7	12.5	8.3	8.8
2		137	105	27	13	15	297
		47.7	47.1	52.9	32.5	62.5	47.5
3 AGHEE		104	81	13	18	6	222
		36.2	36.3	25.5	45.0	25.0	35.5
4		19	14	2	2	1	38
		6.6	6.3	3.9	5.0	4.2	6.1
5 STRONGLY AGREE		4	6	1	2	0	13
		1.4	2.7	2.0	5.0	0.0	2.1
	COLUMN TOTAL	287	223	51	40	24	625
		45.9	35.7	8.2	6.4	3.8	100.0

RAW CHI SQUARE = 14.53053 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5593

NUMBER OF MISSING OBSERVATIONS = 48

ITEM56 AVAILABLE CLASS EQUIPMENT ADEQUATE

ITEM56	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE		6	4	2	1	1	14
		2.2	1.8	4.0	2.5	4.5	2.3
2		30	27	14	3	3	77
		10.9	12.1	28.0	7.5	13.6	12.6
3 AGREE		205	154	28	22	14	423
		74.3	69.1	56.0	55.0	63.6	69.2
4		26	28	6	10	3	73
		9.4	12.6	12.0	25.0	13.6	11.9
5 STRONGLY AGREE		9	10	0	4	1	24
		3.3	4.5	0.0	10.0	4.5	3.9
	COLUMN TOTAL	276	223	50	40	22	611
		45.2	36.5	8.2	6.5	3.6	100.0

RAW CHI SQUARE = 29.42102 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0212

NUMBER OF MISSING OBSERVATIONS = 62

ITEM57 MOST COURSES REQUIRE OUT OF CLASS STUDY

ITEM57	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE		6	7	1	0	1	15
		2.1	3.1	2.0	0.0	4.0	2.4
2		43	23	1	7	6	80
		15.0	10.3	2.0	17.5	24.0	12.8
3 AGREE		189	149	24	27	12	401
		66.1	66.8	47.1	67.5	48.0	64.2
4		38	35	14	3	5	95
		13.3	15.7	27.5	7.5	20.0	15.2
5 STRONGLY AGREE		10	9	11	3	1	34
		3.5	4.0	21.6	7.5	4.0	5.4
	COLUMN TOTAL	286	223	51	40	25	625
		45.8	35.7	8.2	6.4	4.0	100.0

RAW CHI SQUARE = 51.00862 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 48

ITEM58 ENJOYED MOST OF COURSES AT KCC

ITEM58	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	8	4	0	1	1	14
	2.8	1.8	0.0	2.8	4.0	2.2
2	27	24	2	0	0	53
	9.4	10.6	3.8	0.0	0.0	8.5
3 AGREE	194	152	34	22	17	419
	67.8	67.0	65.4	61.1	68.0	66.9
4	39	37	12	7	5	100
	13.6	16.3	23.1	19.4	20.0	16.0
5 STRONGLY AGREE	18	10	4	6	2	40
	6.3	4.4	7.7	16.7	8.0	6.4
COLUMN TOTAL	286	227	52	36	25	626
	45.7	36.3	8.3	5.8	4.0	100.0

RAW CHI SQUARE = 21.16748 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1722

NUMBER OF MISSING OBSERVATIONS = 47

ITEM59 SATISFIED WITH GENERAL ED. COURSES

ITEM59	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	4	4	1	1	1	11
	1.4	1.8	2.0	2.6	4.2	1.8
2	18	14	2	0	1	35
	6.3	6.2	4.0	0.0	4.2	5.6
3 AGREE	196	146	33	26	14	415
	69.0	64.6	66.0	68.4	58.3	66.7
4	49	52	10	7	6	124
	17.3	23.0	20.0	18.4	25.0	19.9
5 STRONGLY AGREE	17	10	4	4	2	37
	6.0	4.4	8.0	10.5	8.3	5.9
COLUMN TOTAL	284	226	50	38	24	622
	45.7	36.3	8.0	6.1	3.9	100.0

RAW CHI SQUARE = 9.91505 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8710

NUMBER OF MISSING OBSERVATIONS = 51

ITEM510 SATISFIED WITH MAJOR FIELD COURSES

ITEM510	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	4	5	0	1	1	11
	1.4	2.2	0.0	2.4	4.0	1.8
2	24	20	3	0	2	49
	8.6	8.7	5.9	0.0	8.0	7.9
3 AGREE	200	144	31	24	18	417
	71.9	62.9	60.8	58.5	72.0	66.8
4	35	46	10	10	4	105
	12.6	20.1	19.6	24.4	16.0	16.8
5 STRONGLY AGREE	15	14	7	6	0	42
	5.4	6.1	13.7	14.6	0.0	6.7
COLUMN TOTAL	278	229	51	41	25	624
	44.6	36.7	8.2	6.6	4.0	100.0

RAW CHI SQUARE = 24.55876 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0780

NUMBER OF MISSING OBSERVATIONS = 49

ITEM511 MOST STUD. SET HIGH ACHIEVEMENT STANDARD

ITEM511	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	7	4	0	1	1	13
	2.5	1.8	0.0	2.4	4.0	2.1
2	33	17	3	5	7	65
	11.8	7.7	5.9	12.2	28.0	10.5
3 AGREE	194	164	25	25	12	420
	69.3	73.9	49.0	61.0	48.0	67.9
4	41	26	18	6	4	95
	14.6	11.7	35.3	14.6	16.0	15.3
5 STRONGLY AGREE	5	11	5	4	1	26
	1.8	5.0	9.8	9.8	4.0	4.2
COLUMN TOTAL	280	222	51	41	25	619
	45.2	35.9	8.2	6.6	4.0	100.0

RAW CHI SQUARE = 44.35287 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0002

NUMBER OF MISSING OBSERVATIONS = 54

ITEM512 STUDENTS FOLLOW COL. RULES, REGULATIONS

ITEM512	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	3	2	1	1	1	8
	1.1	0.9	2.0	2.6	4.2	1.3
2	17	16	2	2	2	39
	6.0	7.2	4.0	5.1	8.3	6.3
3 AGREE	219	159	32	22	16	448
	77.4	71.3	64.0	56.4	66.7	72.4
4	35	35	12	10	3	95
	12.4	15.7	24.0	25.6	12.5	15.3
5 STRONGLY AGREE	9	11	3	4	2	29
	3.2	4.9	6.0	10.3	8.3	4.7
COLUMN TOTAL	283	223	50	39	24	619
	45.7	36.0	8.1	6.3	3.9	100.0

RAW CHI SQUARE = 18.31973 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3055

NUMBER OF MISSING OBSERVATIONS = 54

ITEM513 THERE IS FEELING OF OHANA AT KCC

ITEM513	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	15	12	1	1	3	32
	5.4	5.6	2.1	2.6	13.6	5.3
2	53	38	8	5	3	107
	18.9	17.6	16.7	12.8	13.6	17.7
3 AGREE	180	128	26	20	12	366
	64.3	59.3	54.2	51.3	54.5	60.5
4	26	28	12	8	4	78
	9.3	13.0	25.0	20.5	18.2	12.9
5 STRONGLY AGREE	6	10	1	5	0	22
	2.1	4.6	2.1	12.8	0.0	3.6
COLUMN TOTAL	280	216	48	39	22	605
	46.3	35.7	7.9	6.4	3.6	100.0

RAW CHI SQUARE = 30.10878 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0174

NUMBER OF MISSING OBSERVATIONS = 68

ITEM514 STUDENT'S COMPLAINT CHANNELS ACCESSIBLE

ITEM514	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	11	5	0	2	1	19
	4.0	2.3	0.0	5.1	4.2	3.2
2	41	42	5	4	4	96
	15.0	19.4	10.2	10.3	16.7	16.0
3 AGREE	197	148	37	23	17	422
	72.2	68.5	75.5	59.0	70.8	70.2
4	22	13	7	5	2	49
	8.1	6.0	14.3	12.8	8.3	8.2
5 STRONGLY AGREE	2	8	0	5	0	15
	0.7	3.7	0.0	12.8	0.0	2.5
COLUMN TOTAL	273	216	49	39	24	601
	45.4	35.9	8.2	6.5	4.0	100.0

RAW CHI SQUARE = 35.64494 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0032

NUMBER OF MISSING OBSERVATIONS = 72

ITEM515 EASY TO HAVE COLLEGE RECORDS CORRECTED

ITEM515	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	12	12	2	1	1	28
	4.7	5.8	4.3	2.8	5.0	5.0
2	31	32	9	3	2	77
	12.1	15.5	19.6	8.3	10.0	13.6
3 AGREE	199	134	31	24	14	402
	77.4	65.0	67.4	66.7	70.0	71.2
4	12	16	4	4	3	39
	4.7	7.8	8.7	11.1	15.0	6.9
5 STRONGLY AGREE	3	12	0	4	0	19
	1.2	5.8	0.0	11.1	0.0	3.4
COLUMN TOTAL	257	206	46	36	20	565
	45.5	36.5	8.1	6.4	3.5	100.0

RAW CHI SQUARE = 27.73315 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0340

NUMBER OF MISSING OBSERVATIONS = 108

ITEM516 PHYSICAL FACILITIES LESSENED ENJOYMENT

ITEM516	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	14	8	2	1	3	28
	5.2	3.8	4.2	2.7	12.5	4.8
2	83	79	14	7	11	194
	31.1	37.6	29.2	18.9	45.8	33.1
3 AGREE	153	98	24	24	7	306
	57.3	46.7	50.0	64.9	29.2	52.2
4	12	16	7	3	2	40
	4.5	7.6	14.6	8.1	8.3	6.8
5 STRONGLY AGREE	5	9	1	2	1	18
	1.9	4.3	2.1	5.4	4.2	3.1
COLUMN TOTAL	267	210	48	37	24	586
	45.6	35.8	8.2	6.3	4.1	100.0

RAW CHI SQUARE = 25.23174 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0658

NUMBER OF MISSING OBSERVATIONS = 87

ITEM517 DESIRED BOOKS & PERIOD. AVAIL. IN LIB.

ITEM517	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		11	11	3	1	2	28
		3.9	5.1	6.4	2.4	8.7	4.6
2		44	33	9	5	2	93
		15.7	15.3	19.1	12.2	8.7	15.3
3 AGREE		192	136	29	27	14	398
		68.6	63.3	61.7	65.9	60.9	65.7
4		26	23	5	7	5	66
		9.3	10.7	10.6	17.1	21.7	10.9
5 STRONGLY AGREE		7	12	1	1	0	21
		2.5	5.6	2.1	2.4	0.0	3.5
	COLUMN TOTAL	280	215	47	41	23	606
		46.2	35.5	7.8	6.8	3.8	100.0

RAW CHI SQUARE = 13.40047 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6433

NUMBER OF MISSING OBSERVATIONS = 67

ITEM518 LIBRARY STAFF IS ACCESSIBLE TO STUDENTS

ITEM518	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		6	9	1	2	1	19
		2.2	4.2	2.3	5.3	4.3	3.2
2		13	20	3	3	0	39
		4.8	9.4	6.8	7.9	0.0	6.6
3 AGREE		214	149	32	27	17	439
		78.7	70.0	72.7	71.1	73.9	74.4
4		30	24	7	5	4	70
		11.0	11.3	15.9	13.2	17.4	11.9
5 STRONGLY AGREE		9	11	1	1	1	23
		3.3	5.2	2.3	2.6	4.3	3.9
	COLUMN TOTAL	272	213	44	38	23	590
		46.1	36.1	7.5	6.4	3.9	100.0

RAW CHI SQUARE = 12.10006 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7371

NUMBER OF MISSING OBSERVATIONS = 83

ITEM519 LIBRARY ORIENTATION HELPFUL

ITEM519	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		8	12	2	2	1	25
		3.2	6.0	5.7	6.1	4.5	4.7
2		40	42	7	7	4	100
		16.2	21.0	20.0	21.2	18.2	18.6
3 AGREE		172	117	23	21	15	348
		69.6	58.5	65.7	63.6	68.2	64.8
4		22	22	2	2	1	49
		8.9	11.0	5.7	6.1	4.5	9.1
5 STRONGLY AGREE		5	7	1	1	1	15
		2.0	3.5	2.9	3.0	4.5	2.8
	COLUMN TOTAL	247	200	35	33	22	537
		46.0	37.2	6.5	6.1	4.1	100.0

RAW CHI SQUARE = 8.98279 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9141

NUMBER OF MISSING OBSERVATIONS = 136

ITEM520 LIBRARY'S EVENING HRS. SUFFICIENT

ITEM520	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		6	12	2	2	1	23
		2.4	5.8	5.0	5.6	5.0	4.1
2		26	21	8	5	4	64
		10.2	10.2	20.0	13.9	20.0	11.5
3 AGREE		197	144	27	24	14	406
		77.6	69.9	67.5	66.7	70.0	73.0
4		17	20	2	4	1	44
		6.7	9.7	5.0	11.1	5.0	7.9
5 STRONGLY AGREE		8	9	1	1	0	19
		3.1	4.4	2.5	2.8	0.0	3.4
COLUMN TOTAL		254	206	40	36	20	556
		45.7	37.1	7.2	6.5	3.6	100.0

RAW CHI SQUARE = 13.47032 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6381

NUMBER OF MISSING OBSERVATIONS = 117

ITEM521 AVAILABLE STUDENT ACTIVITIES SATISFACTRY

ITEM521	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		12	9	2	1	0	24
		4.6	4.2	4.8	2.9	0.0	4.2
2		35	38	4	4	4	85
		13.3	17.9	9.5	11.4	19.0	14.8
3 AGREE		193	138	33	23	15	402
		73.4	65.1	78.6	65.7	71.4	70.2
4		18	17	2	5	1	43
		6.8	8.0	4.8	14.3	4.8	7.5
5 STRONGLY AGREE		5	10	1	2	1	19
		1.9	4.7	2.4	5.7	4.8	3.3
COLUMN TOTAL		263	212	42	35	21	573
		45.9	37.0	7.3	6.1	3.7	100.0

RAW CHI SQUARE = 12.64017 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6989

NUMBER OF MISSING OBSERVATIONS = 100

ITEM61 TUTORIAL SERVICES

ITEM61	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 DIDN'T KNOW		62	47	7	10	10	136
		23.9	23.4	14.9	35.7	43.5	24.4
2 KNEW.DID NOT USE		160	122	37	15	11	345
		61.8	60.7	78.7	53.6	47.8	61.8
3 USED - SATISFIED		31	28	1	3	2	65
		12.0	13.9	2.1	10.7	8.7	11.6
4 USED-NOT SATISFD		6	4	2	0	0	12
		2.3	2.0	4.3	0.0	0.0	2.2
COLUMN TOTAL		259	201	47	28	23	558
		46.4	36.0	8.4	5.0	4.1	100.0

RAW CHI SQUARE = 16.89969 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1534

NUMBER OF MISSING OBSERVATIONS = 115

ITEM62 COOPERATIVE EDUCATION

ITEM62	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1		74	41	16	9	10	150
DIDN'T KNOW		28.9	21.0	34.8	32.1	41.7	27.3
2		138	117	28	17	12	312
KNEW,DID NOT USE		53.9	60.0	60.9	60.7	50.0	56.8
3		39	32	1	2	2	76
USED - SATISFIED		15.2	16.4	2.2	7.1	8.3	13.8
4		5	5	1	0	0	11
USED-NOT SATISFD		2.0	2.6	2.2	0.0	0.0	2.0
COLUMN TOTAL		256 46.6	195 35.5	46 8.4	28 5.1	24 4.4	549 100.0

RAW CHI SQUARE = 15.78351 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2014

NUMBER OF MISSING OBSERVATIONS = 124

ITEM63 MATH LABS

ITEM63	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1		56	33	8	12	12	121
DIDN'T KNOW		22.0	16.8	17.0	46.2	50.0	22.0
2		156	134	32	9	11	342
KNEW,DID NOT USE		61.2	68.0	68.1	34.6	45.8	62.3
3		36	24	6	5	1	72
USED - SATISFIED		14.1	12.2	12.8	19.2	4.2	13.1
4		7	6	1	0	0	14
USED-NOT SATISFD		2.7	3.0	2.1	0.0	0.0	2.6
COLUMN TOTAL		255 46.4	197 35.9	47 8.6	26 4.7	24 4.4	549 100.0

RAW CHI SQUARE = 28.06552 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0054

NUMBER OF MISSING OBSERVATIONS = 124

ITEM64 READING LABS

ITEM64	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1		66	38	10	10	7	131
DIDN'T KNOW		25.8	19.1	22.2	37.0	29.2	23.8
2		150	126	34	14	15	339
KNEW,DID NOT USE		58.6	63.3	75.6	51.9	62.5	61.5
3		35	32	1	3	2	73
USED - SATISFIED		13.7	16.1	2.2	11.1	8.3	13.2
4		5	3	0	0	0	8
USED-NOT SATISFD		2.0	1.5	0.0	0.0	0.0	1.5
COLUMN TOTAL		256 46.5	199 36.1	45 8.2	27 4.9	24 4.4	551 100.0

RAW CHI SQUARE = 14.65879 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2606

NUMBER OF MISSING OBSERVATIONS = 122

ITEM65 WRITING LABS

ITEM65	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 DIDN'T KNOW		69	42	11	10	7	139
		26.7	21.3	24.4	37.0	29.2	25.2
2 KNEW,DID NOT USE		147	117	34	14	13	325
		57.0	59.4	75.6	51.9	54.2	59.0
3 USED - SATISFIED		37	36	0	3	4	80
		14.3	18.3	0.0	11.1	16.7	14.5
4 USED-NOT SATISFD		5	2	0	0	0	7
		1.9	1.0	0.0	0.0	0.0	1.3
COLUMN TOTAL		258	197	45	27	24	551
		46.8	35.8	8.2	4.9	4.4	100.0

RAW CHI SQUARE = 16.65332 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1631

NUMBER OF MISSING OBSERVATIONS = 122

ITEM66 CAREER PLANNING

ITEM66	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 DIDN'T KNOW		62	57	9	9	5	142
		24.3	28.8	20.0	32.1	20.8	25.8
2 KNEW,DID NOT USE		155	113	35	15	17	335
		60.8	57.1	77.8	53.6	70.8	60.9
3 USED - SATISFIED		31	25	1	4	2	63
		12.2	12.6	2.2	14.3	8.3	11.5
4 USED-NOT SATISFD		7	3	0	0	0	10
		2.7	1.5	0.0	0.0	0.0	1.8
COLUMN TOTAL		255	198	45	28	24	550
		46.4	36.0	8.2	5.1	4.4	100.0

RAW CHI SQUARE = 12.53653 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.4036

NUMBER OF MISSING OBSERVATIONS = 123

ITEM67 VOCATIONAL - INTEREST TESTING

ITEM67	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 DIDN'T KNOW		83	73	11	12	7	186
		33.2	37.4	25.0	42.9	29.2	34.4
2 KNEW,DID NOT USE		135	101	32	12	14	294
		54.0	51.8	72.7	42.9	58.3	54.3
3 USED - SATISFIED		24	19	1	4	3	51
		9.6	9.7	2.3	14.3	12.5	9.4
4 USED-NOT SATISFD		8	2	0	0	0	10
		3.2	1.0	0.0	0.0	0.0	1.8
COLUMN TOTAL		250	195	44	28	24	541
		46.2	36.0	8.1	5.2	4.4	100.0

RAW CHI SQUARE = 14.57541 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2655

NUMBER OF MISSING OBSERVATIONS = 132

ITEM68 CAREER RESOURCES LIBRARY

ITEM68	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW		87	71	11	11	9	189
		34.5	35.7	24.4	39.3	37.5	34.5
2 KNEW,DID NOT USE		118	88	31	13	14	264
		46.8	44.2	68.9	46.4	58.3	48.2
3 USED - SATISFIED		41	38	3	4	1	87
		16.3	19.1	6.7	14.3	4.2	15.9
4 USED-NOT SATISFD		6	2	0	0	0	8
		2.4	1.0	0.0	0.0	0.0	1.5
COLUMN TOTAL		252	199	45	28	24	548
		46.0	36.3	8.2	5.1	4.4	100.0

RAW CHI SQUARE = 15.93646 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1942

NUMBER OF MISSING OBSERVATIONS = 125

ITEM69 CAREER WORKSHOPS

ITEM69	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW		103	81	10	10	9	213
		41.0	41.3	22.2	35.7	39.1	39.2
2 KNEW,DID NOT USE		120	103	28	14	13	278
		47.8	52.6	62.2	50.0	56.5	51.2
3 USED - SATISFIED		22	11	7	4	1	45
		8.8	5.6	15.6	14.3	4.3	8.3
4 USED-NOT SATISFD		6	1	0	0	0	7
		2.4	0.5	0.0	0.0	0.0	1.3
COLUMN TOTAL		251	196	45	28	23	543
		46.2	36.1	8.3	5.2	4.2	100.0

RAW CHI SQUARE = 16.46960 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1707

NUMBER OF MISSING OBSERVATIONS = 130

ITEM610 CAREER EXPLORATION COURSE

ITEM610	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SERVICES (4)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW		106	89	16	12	10	233
		42.4	44.9	35.6	42.9	41.7	42.8
2 KNEW,DID NOT USE		115	91	27	11	13	257
		46.0	46.0	60.0	39.3	54.2	47.2
3 USED - SATISFIED		25	17	2	5	1	50
		10.0	8.6	4.4	17.9	4.2	9.2
4 USED-NOT SATISFD		4	1	0	0	0	5
		1.6	0.5	0.0	0.0	0.0	0.9
COLUMN TOTAL		250	198	45	28	24	545
		45.9	36.3	8.3	5.1	4.4	100.0

RAW CHI SQUARE = 9.94714 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6206

NUMBER OF MISSING OBSERVATIONS = 128

ITEM611 STUDY SKILLS MODULES

ITEM611	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1		96	74	10	10	8	198
DIDN'T KNOW		38.2	37.0	22.2	35.7	33.3	36.1
2		121	89	26	15	14	265
KNEW.DID NOT USE		48.2	44.5	57.8	53.6	58.3	48.4
3		28	36	8	3	2	77
USED - SATISFIED		11.2	18.0	17.8	10.7	8.3	14.1
4		6	1	1	0	0	8
USED-NOT SATISFD		2.4	0.5	2.2	0.0	0.0	1.5
COLUMN TOTAL		251 45.8	200 36.5	45 8.2	28 5.1	24 4.4	548 100.0

RAW CHI SQUARE = 13.54121 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3310

NUMBER OF MISSING OBSERVATIONS = 125

ITEM612 INFO SESSIONS ON COLLEGE SERVICES

ITEM612	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1		94	81	14	11	12	212
DIDN'T KNOW		37.8	41.1	32.6	39.3	50.0	39.2
2		117	93	27	14	11	262
KNEW.DID NOT USE		47.0	47.2	62.8	50.0	45.8	48.4
3		35	21	2	3	1	62
USED - SATISFIED		14.1	10.7	4.7	10.7	4.2	11.5
4		3	2	0	0	0	5
USED-NOT SATISFD		1.2	1.0	0.0	0.0	0.0	0.9
COLUMN TOTAL		249 46.0	197 36.4	43 7.9	28 5.2	24 4.4	541 100.0

RAW CHI SQUARE = 9.11237 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6933

NUMBER OF MISSING OBSERVATIONS = 132

ITEM613 SPECIALIZED SERVICES FOR VETERANS

ITEM613	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SERVICES	6 UNCLASSIFIED	ROW TOTAL
1		79	64	14	14	7	178
DIDN'T KNOW		35.0	39.8	35.9	56.0	36.8	37.9
2		115	81	23	6	9	234
KNEW.DID NOT USE		50.9	50.3	59.0	24.0	47.4	49.8
3		27	13	2	5	3	50
USED - SATISFIED		11.9	8.1	5.1	20.0	15.8	10.6
4		5	3	0	0	0	8
USED-NOT SATISFD		2.2	1.9	0.0	0.0	0.0	1.7
COLUMN TOTAL		226 48.1	161 34.3	39 8.3	25 5.3	19 4.0	470 100.0

RAW CHI SQUARE = 13.74670 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3172

NUMBER OF MISSING OBSERVATIONS = 203

ITEM614 SPECIALIZED SERVICES FOR FOREIGN STUD.

ITEM614	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 DIDN'T KNOW		73	61	13	14	7	168
		32.7	37.9	35.1	58.3	36.8	36.2
2 KNEW,DID NOT USE		130	91	24	7	10	262
		58.3	56.5	64.9	29.2	52.6	56.5
3 USED - SATISFIED		16	7	0	3	2	28
		7.2	4.3	0.0	12.5	10.5	6.0
4 USED-NOT SATISFD		4	2	0	0	0	6
		1.8	1.2	0.0	0.0	0.0	1.3
COLUMN TOTAL		223	161	37	24	19	464
		48.1	34.7	8.0	5.2	4.1	100.0

RAW CHI SQUARE = 15.17875 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2318

NUMBER OF MISSING OBSERVATIONS = 209

ITEM615 SPECIALIZED SERV. FOR HANDICAPPED STUD.

ITEM615	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 DIDN'T KNOW		71	58	13	12	8	162
		31.8	36.7	35.1	50.0	40.0	35.1
2 KNEW,DID NOT USE		129	92	23	9	10	263
		57.8	58.2	62.2	37.5	50.0	56.9
3 USED - SATISFIED		19	5	1	3	2	30
		8.5	3.2	2.7	12.5	10.0	6.5
4 USED-NOT SATISFD		4	3	0	0	0	7
		1.8	1.9	0.0	0.0	0.0	1.5
COLUMN TOTAL		223	158	37	24	20	462
		48.3	34.2	8.0	5.2	4.3	100.0

RAW CHI SQUARE = 12.60034 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3987

NUMBER OF MISSING OBSERVATIONS = 211

ITEM7 HOW WELL DO YOU LIKE ATTENDING KCC?

ITEM7	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SERVICES 4	UNCLASSIFIED 6	ROW TOTAL
1 DON'T LIKE IT		13	3	2	3	1	22
		4.5	1.3	4.0	7.5	4.0	3.5
2 FEEL NEUTRAL		101	67	16	5	9	198
		34.7	29.9	32.0	12.5	36.0	31.4
3 LIKE IT		150	137	26	27	14	354
		51.5	61.2	52.0	67.5	56.0	56.2
4 AM ENTHUSIASTIC		27	17	6	5	1	56
		9.3	7.6	12.0	12.5	4.0	8.9
COLUMN TOTAL		291	224	50	40	25	630
		46.2	35.6	7.9	6.3	4.0	100.0

RAW CHI SQUARE = 16.99965 WITH 12 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1496

NUMBER OF MISSING OBSERVATIONS = 43

UNIVERSITY OF CALIFORNIA
ERIC CLEARINGHOUSE FOR JUNIOR COLLEGES
96 POWELL LIBRARY BUILDING
LOS ANGELES, CALIFORNIA 90024
EE 36
JUL 11 1980